

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Martin VORBACH et al.  
Serial No. : 10/523,764  
Filed : August 2, 2005  
For : DATA PROCESSING METHOD AND DEVICE  
Examiner : Tuan V. Thai  
Art Unit : 2186  
Confirmation No. : 7557  
**Customer No. : 26646**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO RESTRICTION REQUIREMENT**

SIR:

This paper addresses the restriction requirement detailed in the Office Action mailed May 1, 2008.

**Remarks** begin on page 2 of this paper.

## **REMARKS**

### **I. Introduction**

Claims 16 to 135 are currently pending in the present application.

The Examiner requires restriction to one of the following inventions:

- I: Claims 16 to 74 and 107 to 120 directed to an instruction pipeline that couples an array with a standard processor; and
- II: Claims 75 to 106 and 121 to 135 directed to a cache memory including IRAM memory elements and storing local cache copies of a main memory.

Accordingly, *Applicants elect, without traverse, Group II, which corresponds to claims 75 to 106 and 121 to 135.*

Applicants respectfully request an early and favorable action on the merits.

Respectfully submitted,

Dated: October 30, 2008

By: /Aaron Grunberger/  
Aaron Grunberger  
Reg. No. 59,210

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New York, New York 10004  
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**CUSTOMER NO 26646**

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I hereby certify that this correspondence is being electronically transmitted to the United States Patent and Trademark Office via the Office electronic filing system on *October 30, 2008*.

Signature:   
Aaron Grunberger (Reg. No. 59,210)

**PETITION FOR EXTENSION OF TIME UNDER 37 C.F.R. 1.136(a)**

SIR:

Applicants submit herewith a response to the Office Action of May 1, 2008.

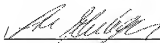
Further, Applicants hereby request an extension of time to respond to the May 1, 2008 Office Action, which set a period for response ending at June 1, 2008, 2008. The extended period ends on November 1, 2008.

The Director is hereby authorized to charge the **\$1,175.00** five-month (small entity) extension fee to a credit card. The Director is also authorized to charge any other required fees, or to credit any overpayment to Deposit Account No. **11-0600**.

Respectfully submitted,

Dated: October 30, 2008

By:

  
Aaron Grunberger  
Reg. No. 59,210

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## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	10523764			
<b>Filing Date:</b>	02-Aug-2005			
<b>Title of Invention:</b>	Data processing method and device			
<b>First Named Inventor/Applicant Name:</b>	Martin Vorbach			
<b>Filer:</b>	Aaron Grunberger/Josephine Hardy			
<b>Attorney Docket Number:</b>	2885/93			
Filed as Small Entity				
<b>U.S. National Stage under 35 USC 371 Filing Fees</b>				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				
<b>Extension-of-Time:</b>				
Extension - 5 months with \$0 paid	2255	1	1175	1175

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				1175

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4208683
<b>Application Number:</b>	10523764
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7557
<b>Title of Invention:</b>	Data processing method and device
<b>First Named Inventor/Applicant Name:</b>	Martin Vorbach
<b>Customer Number:</b>	26646
<b>Filer:</b>	Aaron Grunberger/Josephine Hardy
<b>Filer Authorized By:</b>	Aaron Grunberger
<b>Attorney Docket Number:</b>	2885/93
<b>Receipt Date:</b>	30-OCT-2008
<b>Filing Date:</b>	02-AUG-2005
<b>Time Stamp:</b>	17:51:52
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1175
RAM confirmation Number	12133
Deposit Account	110600
Authorized User	KENYON & KENYON LLP

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. 1.492 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Response to Election / Restriction Filed	RestrictionResponse.pdf	107070	no	2
			13c782a0273f5f15b0ab8f966aef3ccbf64db		
Warnings:					
Information:					
2	Extension of Time	RRExtensionOfTime.pdf	152463	no	1
			8a0dbd164ff196c121f8a09526c126f281a608		
Warnings:					
Information:					
3	Fee Worksheet (PTO-06)	fee-info.pdf	30036	no	2
			1c877ae5e6762766e47ca22ad0929f8a1c388		
Warnings:					
Information:					
Total Files Size (in bytes):			289569		

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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.